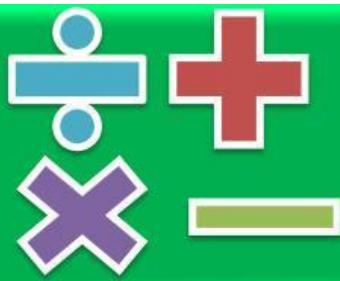


# Writing Equations

## Sentence into Equation



$$A = \pi r^2$$

$$2a + a^3 = b$$

$$P = a + b + c$$

$$4(f + g) = 6g$$

$$3m + 2 = 18$$

$$(p + t) - 7 = 6$$

$$x + x^2 = yz$$

$$A = \ell^2$$

$$V = \ell wh$$

$$P = 4\ell$$

1. Two add to three times a number  $m$  is the same as 18.
2. Twice  $a$  increased by the cube of  $a$  equals  $b$ .
3. Seven less than the sum of  $p$  and  $t$  is as much as 6.
4. The sum of  $x$  and its square is equal to  $y$  times  $z$ .
5. Four times the sum of  $f$  and  $g$  is identical to six times  $g$ .
6. The perimeter  $P$  of a square equals four times the length of a side  $\ell$ .
7. The area  $A$  of a square is the length of a side  $\ell$  squared.
8. The perimeter  $P$  of a triangle is equal to the sum of the lengths of sides  $a$ ,  $b$ , and  $c$ .
9. The area  $A$  of a circle is  $\pi$  times the radius  $r$  squared.
10. The volume  $V$  of a rectangular prism equals the product of the length  $\ell$ , the width  $w$ , and the height  $h$ .